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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304  
(304) 926-0450  
fax: (304) 926-0452

Jim Justice, Governor  
Austin Caperton, Cabinet Secretary  
www.dep.wv.gov

Monday, April 17, 2017  
NOTICE OF PERMIT CANCELLATION  
Horizontal 6A / Horizontal 6A Well - 1

ANTERO RESOURCES CORPORATION (A)  
1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit cancellation for COOL UNIT 2H  
47-017-06734-00-00

The FINAL INSPECTION REPORT for the CANCELLED PERMIT, issued for U.S. Well Number 47-017-06734-00-00, has been received by the Office of Oil and Gas. The permit has been cancelled as of 5/6/2015.

If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin  
Chief  


Operator's Well Number: COOL UNIT 2H  
Farm Name: WEBB, STANLEY  
U.S. WELL NUMBER: 47-017-06734-00-00  
Horizontal 6A / Horizontal 6A Well - 1  
Date Cancelled: 5/6/2015

Promoting a healthy environment.

04/21/2017

LATITUDE 39°15'00" 1,312'

TO BOTTOM HOLE  
LATITUDE 39°15'00"

LONGITUDE 80°50'00"

LONGITUDE 80°52'30"

4,801'  
14,961' TO BOTTOM HOLE

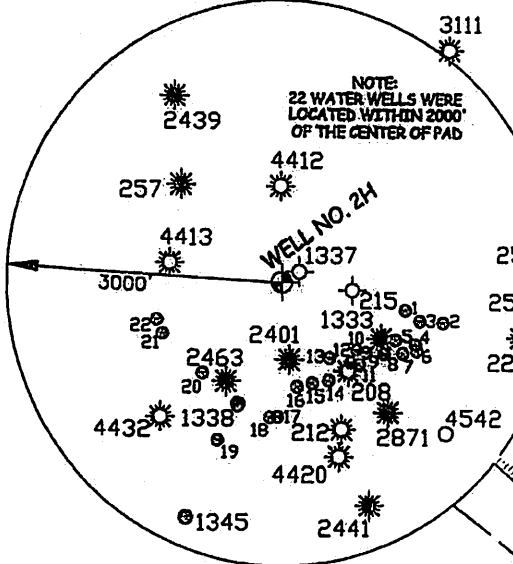
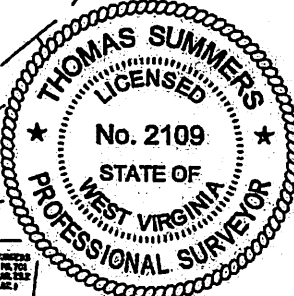
Antero Resources Corporation  
Well No. Cool Unit 2H

LINE	BEARING	DISTANCE
L1	S 77°50' E	1375.64'
L2	S 76°35' E	1824.91'
L3	S 72°04' E	1528.04'
L4	S 67°48' E	1528.04'
L5	S 84°01' E	11301.30'
L6	S 63°24' E	1836.75'
L7	S 60°20' E	1915.41'
L8	S 59°00' E	1175.81'
L9	S 49°41' E	1028.70'
L10	S 44°24' E	1722.20'
L11	S 41°37' E	1122.94'
L12	S 35°54' E	247.70'
L13	S 25° E	1131.30'
L14	S 17°35' E	1773.08'
L15	S 0°32' E	1115.23'
L16	S 0°17' W	1424.30'
L17	S 23°28' W	1124.45'
L18	S 42°21' W	1124.45'
L19	S 67°20' W	1416.97'
L20	S 74°44' W	1424.30'

A - STANLEY WEBB D.A. 224 PA. 202 T.A. 18 PA. 024 0.21 AC.  
 B - STANLEY WEBB D.A. 224 PA. 222 T.A. 18 PA. 024 0.21 AC.  
 C - STANLEY WEBB D.A. 224 PA. 223 T.A. 18 PA. 024 0.21 AC.  
 D - STANLEY WEBB D.A. 224 PA. 224 T.A. 18 PA. 024 0.21 AC.  
 E - STANLEY WEBB D.A. 224 PA. 225 T.A. 18 PA. 024 0.21 AC.  
 F - STANLEY WEBB D.A. 224 PA. 226 T.A. 18 PA. 024 0.21 AC.  
 G - STANLEY WEBB D.A. 224 PA. 227 T.A. 18 PA. 024 0.21 AC.  
 H - STANLEY WEBB D.A. 224 PA. 228 T.A. 18 PA. 024 0.21 AC.  
 I - STANLEY WEBB D.A. 224 PA. 229 T.A. 18 PA. 024 0.21 AC.  
 J - STANLEY WEBB D.A. 224 PA. 230 T.A. 18 PA. 024 0.21 AC.

NOTES:  
 WELL 2H TOP HOLE INFORMATION:  
 N: 271,365ft E: 1,609,229ft  
 LAT: 39°14'12.55" LON: 80°52'46.68"  
 BOTTOM HOLE INFORMATION:  
 N: 261,182ft E: 1,612,457ft  
 LAT: 39°12'32.13" LON: 80°52'01.14"  
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIANGLE GEOTX SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD 83 (UTM) ZONE 17 COORDS:  
 WELL 2H TOP HOLE INFORMATION:  
 N: 4,343,073m E: 510,403m  
 BOTTOM HOLE INFORMATION:  
 N: 4,339,979m E: 511,499m



PAD LAYOUT  
 GRID NORTH

BURGESS UNIT 2H 0°0' N 22°57' E  
 HATTIE UNIT 3H 0°0'  
 BURGESS UNIT 1H 0°0'  
 COOL UNIT 2H 0°0'  
 HATTIE UNIT 2H 0°0'  
 COOL UNIT 1H 0°0'  
 HATTIE UNIT 1H 0°0'

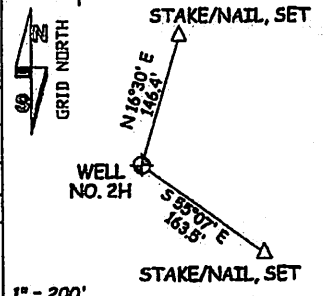
**CANCELED**

NOT TO SCALE

LEGEND

- Surface Owner Boundary Lines +/-
- Interior Surface Tracts +/-
- Existing Fence
- Iron Pipe, Found

REFERENCES



THOMAS SUMMERS P.S. 2109  
 DATE 04/13/15  
 OPERATOR'S WELL# COOL UNIT 2H  
 API WELL # 47 - 017 - 06734  
 STATE COUNTY PERMIT

JOB # 14-086WA  
 DRAWING # COOL2HR2  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS  
 STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS  
 WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL  
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X  
 LOCATION: ELEVATION 1,108' ORIGINAL - 1,095' PROPOSED WATERSHED NORTH FORK HUGHES RIVER  
 QUADRANGLE PULLMAN 7.5 (TOP HOLE) OXFORD 7.5 (BOTTOM HOLE) DISTRICT CENTRAL COUNTY DODDRIDGE



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
 WILLOW LAND SURVEYING PLLC  
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

SURFACE OWNER STANLEY WEBB ET AL ACREAGE 69.18 ACRES +/-  
 OIL & GAS ROYALTY OWNERS RALPH LEGGETT ET UX; GUSSIE LEGGETT; LEASE ACREAGE 75 ACRES +/-; 169 ACRES +/-  
 SUE ELLEN ABERNATHY; S. BYRL ROSS ET UX; RUSSELL GRAY ET AL 65 ACRES +/-; 195 ACRES +/-; 225 ACRES +/-  
 PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X  
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,400' TVD 19,000' MD  
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER  
 ADDRESS 1615 WYNNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD CT CORPORATION SYSTEM  
 DENVER, CO 80202 CHARLESTON, WV 25313

04/21/2017

**CANCELED**